The DX Bulletin

• *America's Oldest Weekly Amateur Radio Publication* •
ISSUE 320 JANUARY 24, 1986

PROPAGATION: Jan 23, Low Normal; Jan 24, Disturbed; Jan 25, High Normal; Jan 26, Disturbed; Jan 27, Low Normal; Jan 28, Below Normal; Jan 29, Low Normal; Jan 31-Feb 3, High Normal. TNX N4XX.

Flux (81)	Flux (82)	Flux (83)	Flux (84)	Flux (85)	Date	Flux	A	K
						----1986----		
159	135	142	106	75	1/10	75	12	3
166	141	144	99	77	1/11	74	4	1
162	137	140	100	78	1/12	74	10	1
164	132	140	105	91	1/13	77	12	1
159	135	142	106	87	1/14	79	10	2
155	141	146	103	88	1/15	78	10	0
158	152	145	101	85	1/16	83	10	1

"Through the first days of January the rising solar flux curve followed that for the previous solar rotation, except that the numbers were about three points lower. After the 5th the rise stopped, the flux holding at 75 or 74 daily. As of the 12th the flux was 9 points below the Dec. 15 figure. The principal hope for the week of Jan 12 was based on a 3-day plateau of 80 Dec. 15-17. Quiet sun levels are expected in late January" (Tilton/W1AW).

• BV0BG, led by Barry Goldwater, K7UGA, and Larry Kettlewell, W3HHG, made about 7,000 QSOs under very poor conditions, from two different station locations. Both were in downtown Taipei and suffered from high line noise. A correction to last week's Bandpass ... the BV0BG reported on 3505 on Jan 7 15 2300Z was a pirate; the BV0BG on 3795 on the 4th, reported from Colorado, apparently was legitimate. QSLs go to W3USS, the Dept. of State ARC.

• Word is slowly filtering in on S90AS, who is IT9AZS, a medical dctor traveling in Africa; Sao Tome was his first stop on a trip which will include Togo, the Congo, Benin, and perhaps Burkina Fasso (formerly Upper Volta). He expects to be 5V7AS from Togo. QSL via his home IT9AZS address. (DX Press).

• Another publication says that KM1R will be in Saigon Feb 3-21 and "will attempt to obtain a reciprocal license." Aside from the fact that the capital of Vietnam is now called Ho Chi Minh City and that the U.S. and Vietnam do not have diplomatic relations, there have been Americans there the past two months, searching (with permission) for Americans missing in action since the 1960s and 70s. We do not know KM1R, nor if he is part of the American search team.

• The Jan. 16 ARRL Letter quotes a government paper on radio jamming, including 7100-7300. The paper says something we have all known for years, that there are "extensive jamming efforts by Eastern Bloc countries of shortwave radio stations around the world." The report found that there are "more than 80 separate shortwave jamming locations within the Soviet Union, Poland, Czecholsovakia, Bulgaria and Hungary." Monitoring stations in a number of Western countries contributed to the study by supplying more than 30,000 jamming observations to the U.S. research team.

• The Texas DX Society will activate both East and West Caroline Islands in February; Dennis Motschenbacker, KZ5M and his wife Holly, N5GTH will sign KC6DM and KC6HM from ECI (Ponape) Feb 9-15 and from Palau WCI (Republic of Balau) Feb. 16-23; most of the operating will be on CW with a TS-830 and a vertical and dipoles. Contesters in the ARRL CW DX Contest are advised to listen for "/EC" or "/WC" to determine from which island the pair are operating from. QSLs to KB5FU.

VQ9QM (W4QM) should be on another week, perhaps two; he must QRT at 1630Z daily to return to his boat because he has no accommodations on the island (Diego Garcia). He is operating from a military club station, which has an IC-745 with keying problems and no CW filter; the club does have a TH-6 at 100 feet. Dave should be on all bands, CW only, by the time you read this.

• W6KG and W6QL finished from Swaziland and 3D6QL on Jan 8, having made 6,500 contacts in 130 countries. They report having "organized a small, multi-nation two-vehicle convoy in Lesotho and (drove) to Swaziland." The group included Lloyd, Iris, 7P8DF (German), 7P8CM (British) and 7P8CI (Austria). The first satellite operation from Swaziland netted 400 contacts in 40 countries.

The Colvins report that when the group got to the 3D6 border, all were granted entry except the German, 7P8DF, as Germany has no immediate reciprocal visa agreement with Swaziland. He finally did get in, however.

Lloyd and Iris spent all of their spare time in Swaziland trying to get visas to enter Mozambique, C9, but without success. Still no word of where their next operation will be from.

EDITOR RESIGNS

Garry Hammond, VE3XN, has resigned as editor of Canada's Long Skip, and is replaced by John Sklepkowycz, VE3IPR.

NOTES

• K1LLN/VP2M will be on 20 phone and maybe 15, Feb 24 to Mar 1.
• DX Press confirms that FR7AI/T will be on Tromelin the entire month of February, concentrating on CW.
• We have seen no heard or worked reports but understand that JT0XC is active, by OK1XC, for a stay of several years; wants QSLs sent to the Czech bureau.
• 6 couples will operate from Grenada beginning Feb 13 and including both phone and CW weekends of the ARRL Contest; team leader is K4LTA. They have requested J38A for the contest weekends and will make special efforts on 160 Meters; QSL info later.
• The best address we can find for TT8CW is J. Calvo, 5-10-5 Shimomeguro, Muguro-Ku, Tokyo 153 Japan; this has worked for several readers.
• A correction: the Americans killed in a S. American plane crash early this month were on their way to S. Sandwich, not S. Georgia.

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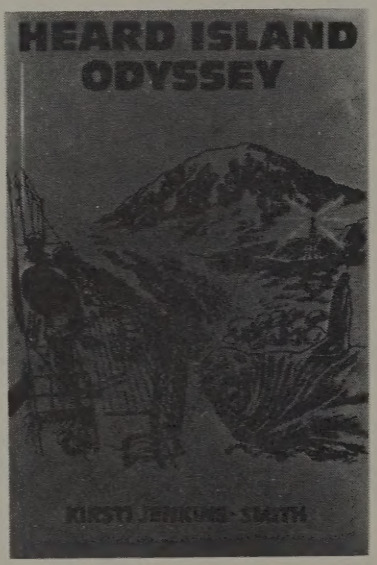
HEARD ISLAND ODYSSEY

by Kirsti Jenkins Smith, VK9NL

Heard Island, in the southern Indian Ocean, has been known for centuries as one of the world's most inhospitable places. It is mostly rock and ice, features a 2745 meter-high mountain, Big Ben, and has never been permanently inhabited. It has been used as a stopover point for whaling ships and as a scientific outpost for those interested in the study of penguins, seals, and certain plants found only on the island.

Heard Island has always counted for a DXCC country and at times has been the most needed among DXers trying to work them all. It has always been very difficult for radio amateurs to get obtain passage on ships going to Heard Island, as politics dictates that any spare slots on expeditions are awarded as political plums. Getting there privately is very expensive.

Jim Smith, VK9NS, spent two years in preparation for his group, the Heard Island DX Association, to sail to Heard. Once government permission was in hand, obtained by a promise to service the island's weather station, the remaining task was to find enough people to share the financial burden, as amateur radio operators around the world could not be counted to donate sufficient funds.



A lucky break for Smith was finding a group of Austrian mountaineers who wanted to scale Big Ben and who became part of the expedition. A couple of Australian scientists joined the group, along with another ham, Bob Walsh, WA8MOA.

At the same time, in mid 1982, the International DX Foundation was working to put amateur radio on the air from Heard. They had contacted a mountaineering group which was planning to sail to Heard and who found space for two radio amateurs. This could have spelled disaster for either or both amateur ventures, as it was likely that donations from around the world would be divided between the two.

The HIDXA eventually located a boat, the "S.S. Cheynes II," a 160-foot steam powered, oil burning freighter built in Norway in 1947. The Cheynes 2 unfortunately turned to be somewhat of a fuel-eater and the expedition ended by sailing, rather than steaming, for much of the return trip home to Australia.

Heard Island Odyssey is not written specifically for radio amateurs; when radio is discussed it is done mostly in layman's terms so as not to discourage non-ham readers. Amateur radio comprises a fairly small part of the 140-page book, although every part of the trip contributes to our understanding of what was required to put VK0JS and VK0NL on the air and into thousands of logbooks.

With two amateur radio operations on the island simultaneously, the obvious interference between stations occurred but seemed never to be a problem. The IDXF group got there first and had somewhat better accommodations. Both groups suffered from rather poor propagation, and many DXers made their only contact with either group on 40 Meters, for example.

The HIDXA expedition took 73 days from departure to return and produced some 20,000 contacts. Each member of the expedition contributed equally to the expedition's costs. The HIDXA claims, possibly with justification, that rumors about the trip and about the other group cost them both financially and psychologically. But by every criteria, the expedition was a success: radio propagation studies were done, the weather station was serviced, the mountaineers scaled Big Ben by a route never before even attempted, and the scientists gathered valuable data.

Heard Island Odyssey is a landmark amateur radio book, as it is the first one in many years to fully document a major DXpedition. In fact, it may be the only book about an expedition written in such depth. Generally, it is well-written and structured. It suffers slightly from sloppy editing in spots, mostly from switches between American and British English, and from the use of unfamiliar terms which are often not fully explained. But these are minor points.

The book's strength is that it is written for non-hams, and is about a part of the world, the Antarctic, which is increasingly of interest to people everywhere. The book is very strong in its discussion of the interactions of 25 people on a difficult voyage, and as much of the book is devoted to time spent on the water as on the island. The author, being Norwegian, obviously knows her sailing lore.

The book could have been expanded to include some chapters on the actual climb of Big Ben, and could have been more appealing to the scientific crowd by more in depth descriptions of the island's peculiar climate, wildlife, and of Big Ben itself.

But, then, this book really was written for us, and for anyone who worked the expedition three years ago, the anticipation of sailing along with the team and waiting for the moment when VK0JS comes on the air is high indeed. We think Heard Island Odyssey will find its way onto some library shelves, and that it should be a part of every DXer's collection. Profits from the sale of the book will go toward paying costs of the expedition which remain three years later.

Kirsti Jenkins-Smith has made a major contribution to amateur radio by documenting one of the most exciting DXpeditions ever. - K1TN

Heard Island Odyssey (148 pages, paper, with 22 black-and-white photos) is available by mail order for $14.45 (including airmail postage) from HIDI-Y, P.O. Box 90, Norfolk Island, 2899, Australia.

160 METERS

4U1UN 1845 0604 11 IL
4X4NJ 1832 0330 2 RI
4X4NJ 1832 0253 10 FL
4X4NJ 1832 0310 9 MA
5N8BAV 1837 2248 12 RI
8R1RPN 1866 0123 6 AL
CO2PY 1832 0258 7 FL
CO7RG 1835 0237 7 RI
CU1CB 1850 0700 6 RI
EA1AW 1850 0627 14 RI
EA6KZ 1838 0635 11 IL
EA8QL 1834 0038 10 IL
EA8QO 1832 2200 10 MA
FM5WD 1831 0301 6 WY
GM3WTA 1850 0643 14 RI
GW3YDX 1836 0704 14 IL
GW3YDX 1850 0642 14 RI
HC1BI 1847 0316 10 RI
HH2MC 1850 0612 14 RI
HH7PV 1834 0243 7 FL
HH7PV 1835 0237 7 RI
HK0HEU 1835 0237 7 RI
HP3FL 1835 0237 7 RI
KH6CC 1832 0538 11 FL
KH6CC 1842 0342 13 RI
OY7ML 1834 0250 13 MA
OZ9XD 1832 0035 13 MA
SM6EHY 1833 2348 8 IL
SP9DH 1832 0121 10 IL
UA1OT 1831 1027 5 AL
UA1OT 1832 0410 12 MA
UA1OT 1832 0252 12 NH
UA1OT 1836 0700 11 MA
UA9MR 1833 0300 5 RI
UG6GAW 1838 0310 10 RI
UR2RCU 1838 0710 14 RI
VP2M/WB2IQV 1827 0250 7 FL
XE1MD 1833 0415 7 FL
YU1EXY 1834 0313 10 RI
ZL2BT 1842 0739 6 RI

80 METERS

4U1ITU 3800 0136 16 MA
4U1UN 3773 0500 11 MA
4Z4AB 3791 0203 13 IL
4Z4AB 3792 0150 13 MA
7X2LS 3800 0135 13 MA
8P6AF 3790 0424 16 MA
9H1EU 3780 0500 11 MA
BV0BG 3795 1221 4 WY
EA6/G6ZY 3506 2210 12 MA
EA8QL 3785 0805 14 MN
EL2CJ 3503 2230 10 MA
FM5WD 3784 0937 12 ME
FT8XB 3506 2355 5 AL
GD4BEG 3505 0810 11 MN
GW4VEQ 3786 0145 3 WY
HH2MC 3795 0320 2 ME
HP1AC 3507 1113 14 MA
JY9RL 3778 0417 17 MA
KH0AC 3789 1345 3 WY
KH6SB 3767 0400 13 MA
OX3CS 3800 0150 17 MA
OY7ML 3503 2250 12 NH
P4/KQ2M 3792 0003 15 MA
P4DO 3798 0235 17 MA
PZ1AP 3503 2315 11 FL
PZ1AP 3504 0815 14 MN
PZ1BK 3786 1000 12 ME
PZ1BK 3801 0120 15 MA
RA0FA 3506 1316 14 MN
RA0JB 3506 1515 9 OR
S90AS 3507 0135 14 FL
S90AS 3799 2346 15 MA
SM2EKM 3791 1236 4 WY
TF1PS 3510 2235 12 MA
TF5TP 3794 1040 17 MA
TU/K1CTK 3788 0050 4 PA
TZ6WC 3794 2309 12 MA
TZ6WC 3794 2325 12 MA
UA0PAP 3503 0200 10 NH
UA9MEA 3501 0115 13 NH
UH8DC 3501 0150 13 CA
UH8DC 3502 0126 13 NH
UH8DC 3507 0315 9 MA
UJ8AR 3503 2227 12 NH
UJ8AR 3511 2200 12 MA
UP2BBF 3504 0145 12 MA
UP2KBY 3646 0546 11 MA
UR1RWX 3501 1517 9 OR
UZ0ZX 3502 1305 14 MN
V44KA 3805 0137 15 MA
VK6HD 3505 2143 11 MA
VK9LM 3503 1220 12 NH
VK9LM 3797 1229 7 WY
VP2MSS 3794 0055 14 MA
YD1LBY 3503 1036 13 NH
ZC4MR 37693 0500 7 AL
ZC4MR 3788 0315 3 ME
ZS4PB 3799 0418 12 WY

40 METERS

3B8CF 7007 0237 10 FL
4U1UN 7006 0150 11 FL
6Y5JH 7003 0200 13 FL
9M2AX 7004 1225 5 AL
A92EM 7011 0023 10 FL
BV0BG 7002 1225 6 OR
BV0BG 7002 1412 7 OR
BV0BG 7003 2315 5 AL
BV2DA 7002 1608 9 OR
BV2FA 7004 1435 5 OR
C31LD 7009 0044 10 FL
CE3IAP 7003 0034 10 FL
CE4IDY 7011 0236 9 FL
CU2AK 7006 0130 14 FL
FM4CW 7003 2249 7 FL
FT8XB 7008 1425 5 OR
FT8XB 7009 2348 5 AL
H44IA 7005 1233 14 MN
HC1CV 7003 2225 9 FL
HC5NAI 7004 0039 8 FL
HI8JT 7007 0019 10 FL
HK0BKX 7006 1225 10 MN
HK0BKX 7004 0258 12 MN
HK0BKX 7004 0211 8 MI
HL9CW 7003 2242 11 FL
HP1XBY 7275 0108 14 MA
IS0LKX 7012 0550 11 FL
J28EG 7005 2100 11 MA
OD5/EI9FG 7004 2110 12 FL
OX3OB 7006 2230 6 PA
P29JS 7006 1238 9 MN
P4/PA0FM 7002 2336 7 AL
PZ1AV 7005 0043 8 FL
R8DR 7001 2212 13 FL
S90AS 7002 2115 10 MA
SV0CJ/1 7011 0045 10 FL
SV1DO/5 7001 0140 11 FL
TI2PZ 7004 1235 7 OR
TK5VN 7002 2232 13 FL
UA0ZI 7009 1410 6 OR
UA1PAP 7005 2300 7 FL
UV1OO 7009 0420 5 PA
UV1OO 7010 0428 5 AL
UZ1FWA 7002 1414 7 OR
UZ1FWA 7007 1520 9 OR
UZ9AYA 7004 1303 11 NY
UZ9AYA 7009 1235 6 GA
VK6HQ 7008 1430 7 OR
VK9LM 7005 1241 10 MN
VS6DO 7004 1249 9 MN
VU2TTC 7004 0142 13 MA
YC0DNK 7010 1410 7 OR
ZP3CA 7008 0112 8 FL
ZS6AAX 7005 0425 7 OR

20 METERS

3A2CZ 14004 1231 12 FL
3B8FP 14183 2030 4 PA
3B8FP 14183 1830 7 PA
3D6QL 14013 1921 6 PA
5T5SL 14028 1627 12 FL
6W1PC 14017 1655 12 MA
6W1PC 14010 1912 8 PA
7P8CI 14183 2030 4 PA
7X2LS 14183 1800 7 PA
8P6DW 14008 1614 11 NY
9Q5YB 14022 2056 11 IL
9Q5YB 14022 2050 11 MA
9Y4/J6LAD 14022 1323 11 FL
AP2MQ 14193 1329 9 MD
AP2ZA 14183 1457 5 MD
C31LBB 14026 1428 12 FL
C6ANU 14154 1851 7 PA
CE9AM 14209 2347 12 WY
CU3AE 14164 1934 12 NY
DU1CF 14164 2216 12 MA
DU7/N7ET 14045 2320 7 IL
EA6/G6ZY 14025 1654 12 FL
EA6BD 14023 2022 11 FL
EA8BIL 14028 2020 11 FL
EA9RS 14175 1325 8 MD
EA9RY 14218 2120 8 PA
FG5XC 14024 1331 12 FL
GJ4ZFM 14034 1522 14 IL
H5AWD 14160 1858 12 NY
HB0CZS 14010 1611 11 FL
HP1XKR 14006 2051 11 FL
J6LMY 14155 1955 12 NY
J88AY 14036 1933 11 IL
JW5E 14210 1440 11 MN
JW5E 14214 1629 12 MA
KC4USX 14293 0308 8 MD
KL7T 14025 2130 12 NY
P29JS 14184 2252 11 MN
P4DO 14168 1958 12 NY
S90AS 14009 2342 11 PA
S90AS 14021 2222 13 FL
S90AS 14180 2210 8 PA
TA1E 14227 1625 5 MD
TF/KC2TU 14255 1645 12 MA
TG3JCA 14191 2333 9 ME
UV1OO 14023 1503 11 MN
UV1OO 14024 1504 11 FL
UV1OP (F.J.L.)
V2ACW 14022 1322 11 FL
VP2ML 147.525 0100 17 CT
VP8WTW 14231 2312 5 MD
VQ9QM 14020 1400 13 MA
VU2BEJ 14189 1508 5 MD
YB2BNJ 14027 2346 7 IL
YN1CC 14023 1617 11 FL
ZC4MR 14183 1800 7 PA

15 METERS

8P6RY 21031 1328 11 FL
HP1XKR 21021 1652 11 NY
PZ1AV 21031 1327 11 FL

KEY TO BANDPASS:
Callsign;
Frequency;
UTC;
day of month;
state.

PLEASE WRITE OR PHONE TO REQUEST REPORT FORMS AND ENVELOPES; mail them to TDXB anytime, or phone:

203-742-7124

(24 hours).

- Ted, OD5LX, reportedly had his antennas destroyed when a shell hit his Beirut home; he is presently on 21 MHz only, using a ground plane with no radials.
- K2LE will be on from St. Kitts around the end of this month.
- QSL help: A9XCC try K4CG; VP8GQ from the 60s, try WA4JQS or G3PAG.
- W2ZZ/CT3 is on Madeira for a couple of months and he likes CW and 160 Meters.
- 3D2OG was SM6FYJ, Lars Gustafson, QSL to his Callbook address.

LATE WORD is that Stew Perry, W1BB, "Mr. 160 Meters," died the week of January 6 in a nursing home. We will have more information next week. -SK-

CALENDAR

ISSUE 320

AFRICA	W6KG/W6QL-3D6QL ended; next stop unknown; left are 7Q,S8, ZE, 9J, and CR8 possible through April; QSL TO YASME.
ALAND IS - OH0	OH0XX by OH2BBM for CQ 160 Test
ANTARCTICA	3Y9WT there now; I317
ARUBA-P4	A new DXCC country beginning Jan 1; P4/KQ2M ended Jan 20 by K9VV group Feb (Issue 319).
CAMEROON-TJ	TJ1CH try 14.183 at 2000Z
CAMBODIA-XU	XU1SS in JA, Europe, 0900Z
CAYMANS-ZF	ZF2HI for ARRL Phone; I319
CHAGOS	VQ9LD try 7005/1300Z long path VQ9LM by W4QM I320
CHATHAM-ZL7	ZL7AA no reports recently 1/86
CHINA-BY	BY1QH, BY1SK active 20 SSB
CHRISTMAS-VK9X	VK9XJ try 14.170 at 1200Z
COMOROS-D68	DJ6QT rumored for next spring
CYPRUS BASES	ZC4HMS, ZC4ESB active; ZC4MR on with W7PHO, 14.225 at 1600Z ZC4MR now on 75 SSB
E CAROLINES -KC6	KC6JC back on Ponape, 20/40 M. by KZ5M in Feb; Issue 320
FALKLANDS -VP8	VP8BGO, VP8WTW active
FR JOSEF LAND	UV100, UA1OT very active; Issue 319
GRENADA-J3	K4LTA group in Feb; I320
GUINEA-BISSAU-J5	J5UAG active; need reports
IVORY COAST-TU	K1CTK likes 14.183 net at 1900Z
KERGUELEN-FT8X	FT8XB gone
KERMADEC-ZM8	ZL8OY staying until Aug or Sept
LORD HOWE-VK9	VK9NM by DJ5CQ until Feb, 1986 he wants QSLs direct there, to Box 5, L.H. Island 2898, Australia
MADEIRA -CT3	CT3BZ by OHs, Jan 22-Feb; I319 W2ZZ/CT3 there soon; I320
MALAGASY-5R	5R8AL try 20, 40 Meters SSB try Fri, 21.330, 16-1700Z
MALDIVES-8Q	8Q7CG BY I5JHW Jan 19-Feb 1
MAURITANIA	5T5SR on 15, 20 SSB and CW; QSL N4GND
MONGOLIA-JT	JT0XC (OK1XC) rumored; no reports
MONTSERRAT-VP2M	VP2MSS by K3RMX until Jan 25 K1LLN/VP2M Feb 24-Mar 1
P.N.G.-P29	P29JS returns to VK9NS Jan 30; I316
PITCAIRN-VR6	VR6JR left Jan 20
PORTUGAL	New callsigns in effect; I310
SAO TOME-S9	S92LB on 14.183 2030-2330Z4 his QSLs are good for DXCC S90AS on now; I320
SO GEORGIA	VP8BFC rumored; no reports
SO ORKNEYS	AZ1A on RTTY no reports; I310
SO SHETLANDS	ZX0ECF reported in Europe
ST KITTS	By K2LE end of January
SUDAN-ST	ON7IP/ST no reports; 6T1YP active
SVALBARD-JW	JW5VAA, JW5E on now; I310
TOKELAUS-ZK3	ZK3RW by ZL1AMO next March; I314
TONGA-A35	A35WZ by NC7K starts Feb 13; I319
TROMELIN	FR7AI probable for Feb; I320
VIETNAM-XV	KM1R rumored there next month; I320
W CAROLINES	By KZ5M in Feb; I320
160 METER NET	With 4X4NJ, 1400Z, Saturday, 14.337 Info 1900-2000 KHz, I310

CONTESTS

CQ 160 METER, JAN 24-26
CQ 160 SSB FEB 21-23
ARRL DX CW FEB 15/16
ARRL DX PHONE MAR 1/2

CONTRIBUTORS

KA1BU, K1KTB, DK1RV, W4VQ, KA1XN, K1MEM, W3EVW, WA0AVW, KA1SR, K0CVD, KDX1CD, KD7SO, KC3NE, KB2XR, KB8KW/7, K9UIY, WB9HAD, W1NH, W8CT, N4KG, K4BAI, K6IR, K3RR, N1ACH, W7LR, K4LTA, ND7K, W8OK, K1LLN, WA9LVI, YASME, VK9NS, and other publications as noted.

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